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Abstract

Electrocoat materials comprising bismuth compounds,
further comprising

(A) at least one self-crosslinking and/or externally
crosslinking binder containing (potentially) cationic
or anionic groups and reactive functional groups which

(i) with themselves or with complementary
reactive functional groups in the self-
crosslinking binder, or

(ii) in the case of the externally crosslinking
binder, with complementary reactive
functional groups present in crosslinking
agents (B)

are able to undergo thermal crosslinking reactions,

(B) if desired, at least one crosslinking agent
comprising the complementary reactive functional
groups, and

(C) bismuth subsalicylate of empirical formula $C_7H_5O_4Bi$.